

PLUS Search Results for S/N 10625933, Searched February 16, 2005

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RE35790
6478096
6640908
4992787
6732052
6059051
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5679894
5842149
6021377
6233524
5410303
5602541
6026913
6176323
6362619
6427530
6609568
6672386
5269383
5272680
5831549
5873420
5969638
6020741
4351037
4628495
4630243
5398546
5581024
6028534
6353321
6421298
6577244
6662110
6843117
4507735
4578675
6109368
5952569
4282523
5826654
5738178
6129160
6215120
6215120
4571693
4928775
4958689
5351765

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**Most Frequently Occurring Classifications of Patents Returned
From A Search of 10625933 on February 16, 2005**

original classifications

4	702/9
3	367/85
2	73/152.01
2	73/152.03
2	175/19
2	175/40
2	175/50
2	175/76
2	250/256
2	340/853.3
2	702/6

Cross-Reference Classifications

6	175/50
6	367/83
5	73/152.46
5	175/40
5	175/45
4	73/152.52
3	166/250.01
3	175/325.3
3	175/61
3	324/369
3	340/854.4
3	702/9
2	73/152.03
2	73/152.18
2	166/66
2	175/107
2	175/269
2	175/324
2	175/385
2	175/406
2	250/266
2	324/323
2	324/339
2	340/853.2
2	340/853.4
2	340/853.6
2	340/854.3
2	340/854.5
2	340/855.4
2	340/856.1
2	340/856.3
2	367/81
2	702/6
2	702/7

Combined Classifications

8	175/50
7	175/40
7	367/83
7	702/9
6	73/152.46
6	175/45
4	73/152.03
4	73/152.52
4	166/250.01

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4 175/61
4 702/6
3 73/152.01
3 175/107
3 175/325.3
3 324/339
3 324/369
3 340/854.4
3 367/85
2 73/152.18
2 73/152.44
2 166/66
2 175/19
2 175/269
2 175/324
2 175/385
2 175/39
2 175/406
2 175/76
2 250/256
2 250/266
2 324/323
2 340/853.1
2 340/853.2
2 340/853.3
2 340/853.4
2 340/853.6
2 340/854.3
2 340/854.5
2 340/854.6
2 340/854.8
2 340/855.4
2 340/856.1
2 340/856.3
2 367/81
2 702/7

10625933_CLSTITLES.txt
Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10625933 on February 16, 2005

- 8 175/50 (2 OR, 6 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/40 WITH SIGNALING, INDICATING, TESTING OR
MEASURING
175/50 .Indicating, testing or measuring a condition
of the formation
- 7 175/40 (2 OR, 5 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/40 WITH SIGNALING, INDICATING, TESTING OR
MEASURING
- 7 367/83 (1 OR, 6 XR)
Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
SYSTEMS AND DEVICES
367/81 WELLBORE TELEMETRY
367/83 .Through well fluids
- 7 702/9 (4 OR, 3 XR)
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
TESTING
702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
702/2 .Earth science
702/6 ..Well logging or borehole study
702/9 ...Drilling
- 6 73/152.46 (1 OR, 5 XR)
Class 073 : MEASURING AND TESTING
73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING
FACTOR, DRILLING RATE, RATE OF FLUID FLOW)
73/152.43 .During drilling
73/152.46 ..Downhole measurement
- 6 175/45 (1 OR, 5 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/40 WITH SIGNALING, INDICATING, TESTING OR
MEASURING
175/45 .Tool position direction or inclination
measuring or indicating within the bore
- 4 73/152.03 (2 OR, 2 XR)
Class 073 : MEASURING AND TESTING
73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING
FACTOR, DRILLING RATE, RATE OF FLUID FLOW)
73/152.02 .Formation logging (e.g., borehole studies of
pressure derivatives or of pressure-temperature
derivatives)
73/152.03 ..During drilling
- 4 73/152.52 (0 OR, 4 XR)
Class 073 : MEASURING AND TESTING
73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING
FACTOR, DRILLING RATE, RATE OF FLUID FLOW)
73/152.51 ..Pressure measurement
73/152.52 ..Plural diverse measurements
- 4 166/250.01 (1 OR, 3 XR)
Class 166 : WELLS
166/244.1 PROCESSES

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166/250.01 .with indicating, testing, measuring or locating

4 175/61 (1 OR, 3 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/57 PROCESSES
175/61 .Boring curved or redirected bores

4 702/6 (2 OR, 2 XR)
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
TESTING
702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
702/2 .Earth science
702/6 ..Well logging or borehole study

3 73/152.01 (2 OR, 1 XR)
Class 073 : MEASURING AND TESTING
73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING
FACTOR, DRILLING RATE, RATE OF FLUID FLOW)

3 175/107 (1 OR, 2 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/92 WITH BELOW-GROUND TOOL DRIVE PRIME MOVER
175/107 .Fluid rotary type

3 175/325.3 (0 OR, 3 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/320 WITH TOOL SHAFT DETAIL
175/325.1 .Shaft carried guide or protector
175/325.2 ..Coupled between shaft sections or bit and
shaft section
175/325.3 ...With bore wall engaging means rotatable
relative to shaft section (e.g., with bearings)

3 324/339 (1 OR, 2 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/323 OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
324/332 .with radiant energy or nonconductive-type
transmitter
324/334 ..With separate pickup
324/338 ...Within a borehole
324/339By induction logging

3 324/369 (0 OR, 3 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/323 OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
324/347 .Using electrode arrays, circuits, structure,
or supports
324/354 ..Coupled to artificial current source
324/357 ...Including separate pickup of generated
fields or potentials
324/366For well logging
324/369While drilling

3 340/854.4 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETRY OR CONTROL (E.G.,
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/854.3 .Using a specific transmission medium (e.g.,
conductive fluid, annular spacing, etc.)
340/854.4 ..Drill string or tubing support signal
conduction

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- 3 367/85 (3 OR, 0 XR)
Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
SYSTEMS AND DEVICES
367/81 WELLBORE TELEMETRY
367/83 .Through well fluids
367/85 ..Linear valve control
- 2 73/152.18 (0 OR, 2 XR)
Class 073 : MEASURING AND TESTING
73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING
FACTOR, DRILLING RATE, RATE OF FLUID FLOW)
73/152.18 .Fluid flow measuring or fluid analysis
- 2 73/152.44 (1 OR, 1 XR)
Class 073 : MEASURING AND TESTING
73/152.01 BOREHOLE OR DRILLING (E.G., DRILL LOADING
FACTOR, DRILLING RATE, RATE OF FLUID FLOW)
73/152.43 .During drilling
73/152.44 ..Drill depth rate
- 2 166/66 (0 OR, 2 XR)
Class 166 : WELLS
166/65.1 WITH ELECTRICAL MEANS
166/66 .Indicating
- 2 175/19 (2 OR, 0 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/19 BORING WITHOUT EARTH REMOVAL (I.E., COMPACTING
EARTH FORMATION)
- 2 175/269 (0 OR, 2 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/263 CUTTER ELEMENT LATERALLY SHIFTABLE BELOW GROUND
(E.G., EXPANSIBLE)
175/267 .Cutter element shifted by fluid pressure
175/269 ..Fluid pressure acts against spring biased
part
- 2 175/324 (0 OR, 2 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/320 WITH TOOL SHAFT DETAIL
175/324 .Means other than tool structure to induce
fluent flow
- 2 175/385 (0 OR, 2 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/327 BIT OR BIT ELEMENT
175/385 .Bit with leading portion (e.g., pilot) forming
smaller diameter initial bore
- 2 175/39 (1 OR, 1 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/39 WITH BIT WEAR SIGNAL GENERATING
- 2 175/406 (0 OR, 2 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/327 BIT OR BIT ELEMENT
175/406 .Noncutting portion forwardly of cutting
portion (e.g., reamer)
- 2 175/76 (2 OR, 0 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/73 MEANS TRAVELING WITH TOOL TO CONSTRAIN TOOL TO

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BORE ALONG CURVED PATH
175/76 .Axially spaced opposed bore wall engaging guides

2 250/256 (2 OR, 0 XR)
Class 250 : RADIANT ENERGY
250/253 GEOLOGICAL TESTING OR IRRADIATION
250/256 .Well testing apparatus and methods

2 250/266 (0 OR, 2 XR)
Class 250 : RADIANT ENERGY
250/253 GEOLOGICAL TESTING OR IRRADIATION
250/256 .Well testing apparatus and methods
250/265 ..Plural detectors
250/266 ...With spacing or direction of detectors

2 324/323 (0 OR, 2 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/323 OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU

2 340/853.1 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)

2 340/853.2 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/853.2 .Diagnostic monitoring or detecting operation
of communications equipment or signal

2 340/853.3 (2 OR, 0 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/853.3 .Selective control of subsurface equipment

2 340/853.4 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/853.3 .Selective control of subsurface equipment
340/853.4 ..In horizontal or inclined drilling or passage

2 340/853.6 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/853.3 .Selective control of subsurface equipment
340/853.6 ..Control of drill bit or apparatus (e.g.,
steering, speed, etc.)

2 340/854.3 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETERING OR CONTROL (E.G.,
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/854.3 .Using a specific transmission medium (e.g.,
conductive fluid, annular spacing, etc.)

2 340/854.5 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL

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340/853.1 WELLBORE TELEMETRY OR CONTROL (E.G.,
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/854.3 .Using a specific transmission medium (e.g.,
 conductive fluid, annular spacing, etc.)
340/854.5 ..Wellbore casing or ground

2 340/854.6 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETRY OR CONTROL (E.G.,
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/854.3 .Using a specific transmission medium (e.g.,
 conductive fluid, annular spacing, etc.)
340/854.6 ..Electromagnetic energy (e.g., radio
 frequency, etc.)
340/854.8 ...Near field coupling (e.g., inductive,
 capacitive, etc.)

2 340/855.4 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETRY OR CONTROL (E.G.,
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/855.4 .Pulse or digital signal transmission

2 340/856.1 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETRY OR CONTROL (E.G.,
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/856.1 .In horizontal or inclined passage arrangement

2 340/856.3 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETRY OR CONTROL (E.G.,
 SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/856.3 .Including particular sensor

2 367/81 (0 OR, 2 XR)
Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE
 SYSTEMS AND DEVICES
367/81 WELLBORE TELEMETRY

2 702/7 (0 OR, 2 XR)
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR
 TESTING
702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
702/2 .Earth science
702/6 ..Well logging or borehole study
702/7 ...By induction or resistivity logging tool